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| 7-1 | /2   | 1228/21   |
|     | 1010 | 03-02.0   |
|     | 1014 | 107-02.0  |
|     | 7    | 1019      |

## INDEX OF CLAIMS

| ~ | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    |   | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
| ÷ | Restricted                 |   | Objected     |

| ) |                   |          |                    |                |        | ÷        | ·   |          | y      |        |          |          | F       | an<br>Res                                    | tric         | a<br>ted |          |          |          | 0        |          |              |           |
|---|-------------------|----------|--------------------|----------------|--------|----------|-----|----------|--------|--------|----------|----------|---------|--|--------------|----------|----------|----------|----------|----------|----------|--------------|-----------|
|   | Claim             | <u> </u> |                    |                | _      | Da       | te. |          | _      |        |          |          | Cla     | <u>.                                    </u> | Т-           |          |          |          | D-4      |          |          |              |           |
| i |                   | 5        |                    |                | ı -    | 1        | Τ   |          |        | _      | $\dashv$ |          |         |  | 5            | _        |          |          | Dat      | e        |          | _            | τ-        |
| i | Final<br>Driginal | 17/2/34  |                    |                |        |          |     |          |        |        |          |          | Final   | Original                                     | 5/3/3        |          |          |          |          |          |          |              |           |
| ı | <u>"¦A</u>        | 27       | _                  | _              | _      | ļ        | _   |          | -      |        |          |          | Ľ.      | Ō  | 04           |          | _        |          |          |          |          |              | L         |
|   |                   | V        |                    |                |        | <u> </u> | L   | Щ        |        |        |          |          | $\perp$ | 51   |              |          |          |          |          |          |          |              | L         |
| ŀ | P                 | Н        | _                  |                | _      | <u> </u> |     |          |        |        | _        |          | _       | \$2  |              |          | $\Box$   |          |          | _        |          |              |           |
|   | 8                 | Щ        |                    |                |        |          | Ш   | $\Box$   |        |        | _]       | į        |         | \$3  |              |          |          |          |          |          | 7        |              |           |
| ŀ | - 14              | $\sqcup$ | _                  |                |        |          |     |          | _      | _      | _        | ļ        | $\perp$ | 54   |              |          |          |          |          |          |          |              |           |
| ł | 5                 | Щ        | _                  |                |        |          | Ш   | _        | _      |        | _        | ļ        | _       | 56   | $\Box$       |          | $\Box$   |          |          |          |          |              |           |
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| ŀ | 7                 |          | _                  | _              |        |          | _   | _        | _      |        |          | - [      |         | 51   |              |          |          |          |          |          |          |              |           |
| ļ | 18                |          | _                  | _[             | _      |          |     | _        | _      | _      | _        |          |         | 58   |              |          |          |          |          |          |          | $\neg$       |           |
| ŀ |                   |          | _                  | _              | 4      |          |     |          |        |        | ╛        | Ĺ        |         | 59   | _ [          |          |          | Ţ        |          | T        | $\neg$   |              |           |
| ļ | 10<br>1/1         |          | _                  |                |        |          | _   |          |        |        |          | L        |         | 6 <b>0</b>                                   |              |          |          |          | $\neg$   |          |          | コ            |           |
| L | _ 11              | _        | $\dashv$           |                | _      |          |     |          |        |        |          |          |         | 6  | П            | $\neg$   | $\neg$   | 7        | $\neg$   |          | 寸        |              |           |
| L | 1/2               | _        |                    |                |        |          |     |          |        |        |          |          |         | 3  |              |          |          | 7        | T        | 寸        |          | $\exists$    |           |
| L | 13                |          |                    | _              |        |          |     |          | П      | П      | $\neg$   | ſ        | - 1     | 5 <b>8</b>                                   | $\neg$       | Т        | $\top$   | 7        |          | 7        | $\neg$   | 7            | _         |
| L | 14                |          |                    |                |        | l        |     |          |        |        | T        | Γ        | 6       | 4  |              |          | 7        |          | ┪        | <i>;</i> | 寸        | 7            |           |
| L | 5                 |          |                    |                | [      |          | [   | Т        |        |        |          | Γ        | E       | 5  | 丁            | $\neg$   | $\top$   | 7        | $\neg$   |          | す        | ヿ            |           |
| L | 16                |          |                    |                |        |          |     | T        | Т      | T      | ٦        | Г        | 6       | Į.   |              | $\top$   | T        | 寸        | 1        | 7        | 7        | ヿ            | $\exists$ |
| L | 7                 | 1        |                    |                | _ T    |          |     |          | T      | $\neg$ |          |          | 7(6     | 7  | V            | _        | $\top$   | 7        | $\top$   | $\top$   | 十        | 寸            | $\dashv$  |
| L | 8                 |          | П                  | Ţ              | $\neg$ | $\neg$   |     | T        |        | 1      | 7        |          |         |  | V            | 寸        | _        | 7        |          | +        | 十        | 7            | ┪         |
|   | 19                | $\Box$   | T                  | $\exists$      | Т      | T        | T   | $\neg$   | T      | ╗      |          | ı        |         |  | 9            | 十        | _        | _        | +        | $\top$   | +        | 十            | ᅥ         |
| Γ | 40                | T        | $\top$             |                | 7      |          | T   | $\top$   |        | 7      | 7        |          | -       | o .  |              | 1        | +        | +        | +        | _        | 十        | 十            | ┪         |
| r | 21                | $\top$   | 1                  | 1              | 7      | $\neg$   | _   | $\top$   | 十      | $^{+}$ | $\dashv$ | 上        |         | 1  | 0            | ╁        | +        | ╁        | +        | +        | ┰        | -+           | ┥         |
| Γ | 22                | +        | $\top$             | $\top$         | 7      | 7        | +   | +        |        | +      | $\dashv$ | ⊢        | 7       | ᇧ  | _            | ╁        | ╅        | ╅        | +        | +        | ╅        | +            | ┪         |
| Γ | 23                | $\top$   | +                  | 7              | $\top$ | 7        | +   | $\dashv$ | +      | -      | -        | ŀ        | _       | -μ   | ၁<br>၁       | ╅        | ╁        | +        | +        | +        | +        | +            | +         |
| Г | 24                | +        | +                  | $\top$         | 十      | T        | +   | +        | +      | _      | 7        | H        | 7       | -+`  | <del>a</del> | +        | +        | +        | ╁        | +        | +        | +            | +         |
| _ | 25                | +        | +                  | 7              | +      | 7        | 十   | +        | +      | +      | -        | ŀ        | 7       |  | 7            | ╅        | ╁        | ┿        | +-       | +        | +        | +            | -+        |
|   | 26                | $\top$   | +                  | +              | 1      | +        | +   | +        | +      | +      | $\dashv$ | 上        | 70      | _  | _            | +        | +        | ╌        | ┰        | ╬        | +        | +            | 4         |
| Т | 26<br>27          | ╅        | +                  | +              | ╅      |          | +   | ╅        | +      |        | ┥        | ┢        | 7       | _┺   | 71           | ┿        | +        | ╁        | +        | ┿        | +        | +            | +         |
| _ | 28                | +        | +                  | ┰              | +      | +        | +   | ╅        | +      | ╁      | $\dashv$ | $\vdash$ | 78      |  | ╫            | +        | ╁        | ╅        | +-       | +        | +        | +            | +         |
|   | 29                | +        | +                  | +              | ╅      | +        | 十   | +        | ╁      | ╅      | Ⅎ        | $\vdash$ | 79      |  | ╫╴           | ┰        | ╫        | +        | +        | +        | ╁        | ╬            | +         |
|   | \$0               | +        | ╁                  | +              | +      | +        | +   | ╁        | ╁      | +      | -        | ┢        | 80      |  | H            | ╁        | +        | ╁        | +        | +        | +        | +-           | +         |
| _ | 31                | ╁        | +                  | +              | ╁      | +        | +-  | +        | ╁      | +      | ┨        | $\vdash$ | 8       |  | ╫            | ┿        | ╁        | +        | +        | +        | +        | +            | +         |
| _ | 32                | +        | ╁                  | +              | ╁      | +        | ╁   | ╁        | ╫      | +      | -        | $\vdash$ | 82      |  | 4            | +        | +        | ╁        | +        | ┿        | +        | +            | +         |
|   | 83                | ╅╴       | +                  | ╁              | +-     | ╅        | ╁   | ┿        | ┿      | ╫      | -        | $\vdash$ | √83     | #  | <del></del>  | +-       | ╀        | ╀        | +-       | ╁        | +        | ╀            | 4         |
| - | 33<br>34          | +-       | ╁╌                 | ╁              | ╁      | ╁        | ╅   | +        | ╁      | ╁      | ┨        | 1        | 84      | q-   |              | +        |          | ╁        | ╀        | ╀        | ┿        | +            | +         |
| _ | 35                | +        | +                  | ╁              | +      | +        | ╁   | ╁        | ╁      | ╁      | ┨        | $\vdash$ | 85      | _1_5   |              | +-       | ╁        |          | +-       | +-       | ╀        | - -          | +         |
|   | 35<br>36          | +-       | +                  | +              | +      | +        | ┿   | ╁        | ╁      | ╁      | -        | $\vdash$ | 86      |  | +            | ╀        | ╄        | ╄        | ╀        | ╀        | 4        | ╀            | +         |
| - | 37                | +        | ╁                  | +              | +      | ╫        | ┿   | +-       | ╀      | ╁╌     | 4        | $\vdash$ | 87      | -  | <u> </u>     | ╅-       | ╀        | ╀        | +-       | +        | ┵        | ╀            | +         |
| - | 38                | +-       | +-                 | ╁╌             | ╁      | +        | ╁   | ┿        | ╀      | ╁      | 1        | $\vdash$ | 88      | -  | 7            | ╁        | ╀        | ╀        | ╁-       | ╄        | ╀        |              | +         |
| _ | 39                | ╁        | +-                 | ╁              | ╁╌     | ╁        | +-  | +        | ╆      | ╀╌     | -        | -        | -       |  | _            | ⊬        | ↓_       | ╀        | ╄        | ╄        | ╄        | 4-           | ╀         |
|   | 40                | ╁╾       | +-                 | ╁              | ╁      | ╁        | ╁   | ┼-       | ╁      | +-     | -        | -        | 89      |  | 1_           | ╄        | ▙        | ├        | ╀        | ╄        | ╀        | 4-           | 1         |
| _ | 41                | +-       | ╀                  | <del> </del>   | ∤      | +        | ╀   | ╄        | ↓_     | ╄      | 1        | <u>_</u> | 90      | 4  | 7            | 1_       | <u> </u> | L        | <u> </u> | <u> </u> | 丄        | $\perp$      | L         |
|   |                   | ↓        | ┞-                 | <del> </del> - | 1      | $\perp$  | 丄   | $\perp$  | L      | L.     | 1        | L        | 91      | -  | 7_           | L        |          |          | L        | L        | L        | L            | L         |
| _ | 42<br>43          | ╀        | <del> </del>       | <u>_</u>       | 1      | 1        | 1_  | $\perp$  |        | 上      | 1        | L        | 92      |  |              | L        |          | Ĺ        | L        | Ľ        | $\Box$   | $\Gamma$     | Γ         |
| _ | #3                | <u> </u> | 1                  | 1              | L      | 1_       | 丄   | 1_       | L      |        | 1        | $\Box$   | 93      | 6  | L            | Ĺ        | L        | $\Gamma$ |          |          | Γ        | Γ            | Г         |
| _ | 44                | <u>L</u> | $oxedsymbol{oxed}$ | L              | L      | L        | L   | L        | Ĺ      | L      |          | L        | 94      | ]  | Γ            | Γ        |          |          | Γ        | Γ        | П        | П            | Т         |
|   | 45                | L        |                    |                | Ĺ      | L        |     |          |        | Г      | ]        |          | 95      | П  |              |          | Г        | Γ        |          | Π        | Π        | T            | ⇈         |
| _ | 46                |          | L                  |                | L      | L        |     | $\Box$   | $\Box$ |        | Ì        | $\Box$   | 96      | П  | Г            | Γ        |          | Ī        | Г        | Γ        | П        |              | Т         |
| _ | 47                | L        |                    |                |        | Γ        |     |          | Γ      |        | ]        |          | 97      | Т  |              | Г        |          |          | Г        |          | $\vdash$ | ⇈            | Τ         |
|   | 4B                |          |                    |                |        | Г        |     |          | Г      |        | ĺ        | $\vdash$ | 98      | +  | $\vdash$     | Г        |          |          |          | $\vdash$ | 一        | <del> </del> | T         |
| _ | 49                |          | Γ.                 | Г              |        |          | 1   | 1        |        |        | ĺ        | _        | 99      | #  | 1            |          | -        | $\vdash$ | -        | $\vdash$ | $\vdash$ | $\vdash$     | Η-        |

| Cla                | im                   | Т       | _        | _      |   | -  | _            | _ | ١  | _        |         | - |          |         | -   |      |
|--------------------|----------------------|---------|----------|--------|---|----|--------------|---|----|----------|---------|---|----------|---------|-----|------|
|                    |                      | 1       | 7        | _      | _ | 7  | _            | T | ai | e        | _       | _ | _        | 10      | _   |      |
| .  _[              | ם                    | 513     |          |        |   | l  |              | l |    |          |         |   | İ        |         | ř   |      |
| la la              | Ē,                   | کل      | 1        | į      |   | [  |              | ı |    |          |         |   |          | L       |     |      |
| <u>"</u>           | 0                    | 1       | 1        | Ц      | _ | 4  |              | L | _ļ |          | ╀       |   |          | T.      |     | _    |
|                    | 101                  | V       | 1        | _      | _ | 1  |              | L | _  |          | L       |   |          | Ľ       | -   |      |
|                    | 102                  | Q       | 上        | _      | _ | 1  |              | L |    |          | Ĺ       |   |          |         | 1   |      |
|                    | 103                  | Č<br>V  | 3        | ı      |   | 1  |              | [ |    |          | Γ       | 1 |          | Γ       | ٦   |      |
|                    | 104                  | V       | 1        | 7      | Τ | Ť  |              | Γ | 7  |          | T       | 1 |          | r       |     | _    |
| 1                  | 05                   | -       | П        | 7      |   | T  |              |   | 1  |          | T       | 7 |          | 1       | 7   |      |
| 1                  | 06                   | C       | ١        | 7      |   | T  |              |   | 7  |          | Γ       | 7 |          | T       | 1   |      |
| T i                | 07                   | 0       | Γ        | 1      |   | T  |              | Т | 1  |          |         | 1 |          | ✝       | 1   |      |
| 1                  | 08                   | V       | 1        | 1      |   | T  |              | _ | 7  |          | ┪       | 7 | _        | 1       | 1   |      |
| 1                  | 09                   | ð       | Г        | t      |   | t  |              |   | †  |          | ┢       | † | _        | -       | Ť   |      |
| 1                  | 10                   | 9       |          | †      | _ | t  | ╛            | _ | †  | _        | H       | † |          | Н       | 1   | ÷    |
| 171                | ī                    | V       | $\vdash$ | t      |   | t  | ┪            | - | +  | _        | ┝       | † | _        | H       | ť   | ,    |
| 1                  | 12                   | V       | ┢        | t      |   | t  | 7            | - | +  |          | ┝       | + | -        | Н       | +   | .a . |
|                    | 40                   | . /     | -        | t      |   | t  | +            |   | +  |          | Η-      | + |          | H       | +   | -    |
| <del>       </del> | 14                   | á       | -        | +      |   | +  | ┨            |   | +  | -        | -       | ╁ |          | -       | +   | -    |
| <del>   </del>     | 15                   | 7       | -        | $^{+}$ | - | H  | -{           |   | +  | -        | -       | + | -        | _       | +   | -    |
| <del>     </del>   | 14<br>15<br>16<br>17 | 7       |          | ╀      | - | H  | $\dashv$     | _ | +  | -        | _       | + | $\dashv$ | _       | 1   |      |
| 1                  | ;                    | _       | -        | ╁      |   | ┝  | -{           | _ | +  |          | _       | ╀ | $\dashv$ | _       | +   | ų,   |
| -                  | 18                   | 콧       |          | ╀      | _ | H  | -{           | _ | +  | ┥        | _       | + | -1       |         | ╀   | -    |
| 1                  | 19                   | •       |          | ╁      |   | ┝  | +            | _ | ╀  | $\dashv$ | _       | + | 4        |         | ╀   |      |
| 12                 | - 10                 | 9       |          | ┞      | _ | -  | +            |   | ╀  | -        |         | ╀ | 4        | _       | ╀   |      |
|                    |                      | ~       |          | L      | _ | L  | $\downarrow$ | _ | Ļ  | 4        |         | Ļ | 4        |         | Ļ   |      |
| 12                 |                      | 4       |          | L      | 4 | L  | 4            |   | Ļ  | 4        |         | Ļ | 4        |         | L   | _    |
| 12                 | 2                    | 4       | _        | L      | 4 | _  | 4            | _ | Ļ  | 4        | _       | L | 4        |         | Ŀ   | _    |
|                    |                      | 4       |          | L      | 4 | _  | 4            | _ | L  | 4        | _       | L | 4        |         | L   | •    |
| 12                 | -                    | 4       | _        | L      | 4 |    | 4            |   | L  | 4        |         | L | 4        |         | L   | 4    |
| 12                 |                      | +       |          | L      | 4 |    | 4            |   | Ļ  | 4        | _       | L | 4        |         | L   | _    |
| 12                 |                      | 4       | 4        | L      | 4 | _  | 4            |   | L  | 4        |         | L | 4        |         | L   | _    |
| 12                 |                      | +       | _        |        | 4 | _  | 4            |   | L  | 4        |         | L | 4        |         | L   | _    |
| 12                 |                      | 4       | _        | _      | 4 |    | 4            | _ | L  | 4        | _       | L | 4        | _       | L   | 4    |
| 12                 |                      | 4       | _        |        | 4 |    | 1            |   | L  | 4        |         | L | 4        |         |     | :    |
| 130                |                      | 4       | _        | _      | 4 |    | ╀            |   | L  | 1        |         |   | $\perp$  |         |     | 1    |
| 13                 |                      | 4       | _        |        | 1 | _  | L            | _ |    | 1        | _       | _ | 1        |         |     | J    |
| 132                |                      | 4       | 4        |        | 1 |    | L            | _ | _  | ┵        | _       | _ | 1        | _       |     | J    |
| 13                 |                      | 4       | _        |        | 1 |    | 1            |   |    | 1        | _       |   | $\perp$  | _       |     |      |
| 13                 |                      | 1       | _        |        | 1 | _  | L            | ┙ |    | ┸        | _       | _ | 1        | ╛       | _   | ]    |
| 13:                |                      | 1       | _        |        | 1 |    | L            |   | _  | L        | ┙       |   | T        |         |     | ]    |
| 136                |                      | 4       | 4        |        | ↓ |    | L            | 4 | _  | Ļ        | $\perp$ |   | ⊥        | _       |     | 1    |
| 137                | _                    | 4       | 4        |        | 1 |    | L            | 4 |    | L        | _       | _ | 1        | 1       |     | 1    |
| 138                | -                    | 4       | 4        |        | ļ |    | L            | 4 |    | ╀        | ļ       | _ | $\perp$  | 1       | . ′ | 1    |
| 139                |                      | 4       | 4        |        | Ļ |    | L            | 4 | _  | 1        | 4       |   | Ļ        | 1       |     | 1    |
| 140                |                      | 1       | 1        | _      | L | _  | L            | 1 | _  | L        | 1       |   | L        | $\perp$ |     | Ĺ    |
| 141                |                      | L       |          |        | L |    | L            | 1 |    | L        |         |   | Ĺ        |         |     |      |
| 142                | L                    |         |          |        | Ĺ |    |              | Ι |    | Γ        |         |   |          | I       | ś   | ]    |
| 143                | L                    | $\perp$ | $\perp$  |        | Ĺ |    |              | I |    |          | Ī       |   | Γ        | J       |     | ]    |
| 144                |                      | L       | $\perp$  |        |   |    |              | I | _  | Γ        | Ţ       |   | Γ        | ľ       |     |      |
| 145                |                      | L       | $\perp$  | _      | Ĺ | _  |              | Ι |    |          | I       | _ | Γ        | Ţ       |     | ]    |
| 146                |                      | Ĺ       | $\int$   | _      | Ĺ | _] |              | J | _  |          | J       | _ | Γ        | T       |     |      |
| 147                |                      | Γ       | I        |        |   | _  | _            | Γ |    |          | T       |   |          | T       |     |      |
| 148                |                      |         |          |        |   | ]  | _            | Ţ | _  |          | Ţ       |   | Г        | T       | ٦   |      |
| 149                | _                    |         | Ι        |        |   | J  |              | Ι | _  |          | T       |   | )        | T       | ٦   |      |
| 150                |                      |         | I        |        |   | 1  |              | Γ |    |          | Ι       |   | Ŀ        | Γ       | ٦   |      |

If more than 150 claims or 10 actions staple additional sheet here

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